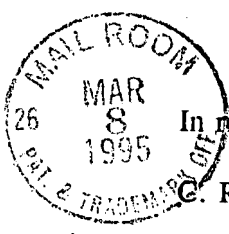


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Patent 3/28

Attorney's Docket No. 010091-001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
C. Richard SCHLEGEL)
Application No.: 08/216,506) Group Art Unit: 1813
Filed: March 22, 1994) Examiner: A. Caputa
For: PAPILLOMAVIRUS VACCINE)

REPLY AND AMENDMENTS PURSUANT TO
37 C.F.R. §§ 1.111, 1.115 AND 1.119
AND SUBMISSION OF DECLARATIONS PURSUANT TO
37 C.F.R. § 1.132

Honorable Commissioner
of Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the Office Action dated September 8, 1994, kindly amend the
above-identified application as follows:

IN THE CLAIMS:

Kindly cancel non-elected Claims 4-9, 41-45 and 48-49 without prejudice or
disclaimer.

Kindly amend Claims 1, 12, and 19 as follows:

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1. (Thrice Amended) *An isolated recombinantly*
~~recombinantly~~ produced human papillomavirus (PV)

L1 protein or antigenic-fragment thereof, wherein said protein ~~or antigenic fragment~~ is
capable of reproducing] reproduces the antigenicity [of the L1 major capsid protein] and